MODIS IOT Weekly Report
Mission Operations Days: 2001/048 to 2001/054
February 16, 2001 20:00:00 GMT to February 23, 2001 20:00:00 GMT

Terra Spacecraft and MODIS Instrument Status:

Terra (AM-1) is in Normal Mode
MODIS is in B-side Science Mode

Blackbody	A Off; B On	Nominal
Calibration Electronics	A Off; B On	Nominal
Control Processor	A Off; B On	Nominal
Door: Nadir	Unlatched, open	Nominal
Space View	Unlatched, open	Nominal
Solar Diffuser	Unlatched, closed	Nominal
FDDI Formatter	A Off; B On	Nominal
FDDI Port	A On; B Off	Nominal
FIFO Memory	1 & 2 Off; 3 & 4 On	Nominal
Format Processor	A Off; B On	Nominal
Power Supply:1	Off	Nominal
2	On	Nominal
PV FPAs: VIS	A Off; B On	Nominal
NIR	A Off; B On	Nominal
SMIR	A Off; B On	Nominal
LWIR	A Off; B On	Nominal
PC FPA: LWIR	A Off; B On	Nominal
Radiative Cooler:		
Outgas Heaters	All Off	Nominal
LWIR FPA Heater	On	Nominal
SMIR FPA Heater	Off	Nominal
Scan Assembly	A Off; B On	Nominal
SDSM	Off	Nominal
SRCA	Off	Nominal
Survival Heaters: PS1	Enabled	Nominal
PS2	Enabled	Nominal
Timing Generator	A Off; B On	Nominal
Flight Software	Rev BD + 2 patches	Nominal
Inhibit Ids Set	None	Nominal

TMONs enabled   68   Nominal

This Week's Completed MODIS Activities:

Friday, February 16, 2001
None

Saturday, February 17, 2001
None

Sunday, February 18, 2001
None

Monday, February 19, 2001
None

Tuesday, February 20, 2001
None

Wednesday, February 21, 2001

| 2001/052 | 21:02:05 | ATC | OA-16: SDSM Screened |
| 2001/052 | 22:40:57 | ATC | OA-15: SDSM Open |

Thursday, February 22, 2001

| 2001/053 | 20:11:59 | ATC | OA-27: PV Electronic calibration |
| 2001/053 | 20:15:29 | ATC | OA-28: PC Electronic calibration |

Friday, February 23, 2001
None

This Week's Scheduled MODIS Activities Not Completed:

None

Upcoming MODIS Events:

Saturday, February 24, 2001

None

Sunday, February 25, 2001
None

Monday, February 26, 2001

057/16:15:10   ATC   Moved Formatter to Night from 15:44:39 to 16:15:10 to gather approx. 30
minutes of day rate data over groundtrack night

Tuesday, February 27, 2001
None

Wednesday, February 28, 2001
059/21:07:13   ATC   OA-16: SDSM Screened
059/22:46:05   ATC   OA-15: SDSM Open

Thursday, March 1, 2001
None

Friday, March 2, 2001
None

Maneuvers:

The next MODIS Roll Maneuver for a Lunar Calibration through the Space View Port is
scheduled for March 13th at approx. 21:32:52. The next Drag Makeup Maneuver (delta-V) is
scheduled for March 14th at approx. 19:40:00

MODIS Anomalies:

None

General Instrument Comments:

MODIS is in Science Mode on the B-side with the SVD and NAD open, operating with the
Formatter Resolution Flight Software Patches (FRFSP).

MODIS Telemetry Trends:

Temperature trends are correlating with the solar beta angle.

Non-MODIS Significant Events:

None

Limited Life Item Status:

SRCA 10W Lamp #1: 181.7 of 500 hours
SRCA 10W Lamp #2: 140.5 of 500 hours
SRCA 10W Lamp #3: 149.7 of 500 hours
SRCA 10W Lamp #4: 61.5 of 500 hours

SRCA 1W Lamp #1: 556.7 of 4000 hours
SRCA 1W Lamp #2: 276.3 of 4000 hours

Solar Diffuser Door: 1537 of 3022 Movements
Nadir Aperture Door: 532 of 1316 Movements
Space View Door: 437 of 1316 Movements